

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	133	((plastic or polymer) same preform same temperature same (profile or distribution)) and @ad<"20030201"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/10/08 15:25


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preform plastic oven temperature

1970

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All Results[W Collette](#)[S Krishnakumar](#)[J Sollinger](#)[D Aldrich](#)[R Buchanan](#)

[Refillable polyester beverage bottle and preform for forming same - all 5 versions »](#)

WN Collette... - US Patent 4,725,464, 1988 - Google Patents

... ties deemed necessary to produce refillable **plastic** bot- dards. ... 3. A **preform** according

to claim 1 wherein said **pre-form** bottom has a generally flat ...

[Cited by 23](#) - [Related Articles](#) - [Web Search](#)

[Method of making preform and container with crystallized neck finish - all 2 versions »](#)

WN Collette, SM Krishnakumar... - US Patent 6,217,818, 2001 - Google Patents

... amorphous body-forming portion of the **pre-form**. ... desired abuse resistance, and a **preform** sidewall with ... 3 shows a unitary expanded **plastic preform** con -tainer 70 ...

[Cited by 13](#) - [Related Articles](#) - [Web Search](#)

[Integrated circuit package for flip chip with alignment preform feature and method of forming same - all 6 versions »](#)

KA Panchou, CM Newton, CD Rosier - US Patent 6,204,163, 2001 - Google Patents

... thermoplastic attachment film forming the **preform**, and the ... 4a) into the **oven** where the product is ... bond between the substrate, thermo- **plastic** attachment film ...

[Cited by 13](#) - [Related Articles](#) - [Web Search](#)

[Process for preparing a fiber reinforced resin matrix preform - all 4 versions »](#)

DC Aldrich, RC Buchanan, JF Sollinger... - US Patent 4,846,908, 1989 - Google Patents

... 5Fiber-reinforced **plastic** structures havebeen used for many years ... 55% and 60 65% by weight ofthe **preform** shape ... The braided **pre-form** is heated on the mandrel in ...

[Cited by 10](#) - [Related Articles](#) - [Web Search](#)

[Multilayer preform and container with polyethylene naphthalate \(PEN\), and method of forming same - all 3 versions »](#)

WN Collette, SL Schmidt, SM Krishnakumar... - US Patent 5,976,653, 1999 - Google Patents

... 10 is a unitary expanded **plastic preform** container having a ... less than about 5%. The **preform** should also ... This elevated **oven temperature** is selected to simulate ...

[Cited by 6](#) - [Related Articles](#) - [Web Search](#)

[Low-loss, high-bandwidth graded-index plastic optical fiber fabricated by the centrifugal deposition ... - all 4 versions »](#)

BG Shin - Applied Physics Letters, 2003 - plaza.snu.ac.kr

... **Plastic** optical fiber POF is a suitable transmission me ... The refractive index profile of the **preform** and fiber ... refractive index profiles of the **pre-form** and the ...

[Cited by 5](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

[Fiber reinforced resin preform - all 3 versions »](#)

DC Aldrich, RC Buchanan, JF Sollinger... - US Patent 5,016,516, 1991 - Google Patents

... to braiding fibers into a **pre-form** shape, and ... Fiber-reinforced **plastic** structures


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All Results

[A Bachmann](#)
[M O'Donnell](#)
[S Cantor](#)
[G Venkateswara...](#)
[C Bell](#)

[CITATION] **Effects of infrared lamp temperature and other variables on the reheat rate of PET**

MD Shelby - Proceedings of the Conference, Antec, 1991

[Cited by 4](#) - [Related Articles](#) - [Web Search](#)

Effects of temperature profiles through preform thickness on the properties of reheat-blown PET ... - all 2 versions »

G Venkateswaran, MR Cameron, SA Jabarin - Advances in Polymer Technology, 1998 - doi.wiley.com

... **EFFECTS OF TEMPERATURE THROUGH PREFORM THICKNESS** ... PET preform was obtained using an

IR spectrometer for ... **Infrared** pyrometers have been used for the mea- surement ...

[Cited by 8](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Effects of lowered temperature on time estimation - all 2 versions »

CR Bell - The Quarterly Journal of Experimental Psychology, 1975 - informaworld.com

... this technique to examine the **effects** of lowered ... From around the tank, **infra-red lamps** were shone on to ... general lowering of internal **temperature** persisted for ...

[Cited by 7](#) - [Related Articles](#) - [Web Search](#)

Experimental study and numerical simulation of preform or sheet exposed to infrared radiative ... - all 5 versions »

S Monteix, F Schmidt, Y Le Maout, R Ben Yedder, ... - Journal of Materials Processing Tech., 2001 - Elsevier

... [7] MD Shelby, **Effects of infrared lamp temperature and other variables on the reheat**

rate of PET, in: Proceedings of the Conference, Antec'91, 1991, pp. ...

[Cited by 2](#) - [Related Articles](#) - [Web Search](#)

Polyester compositions containing near infrared absorbing materials to improve reheat - all 2 versions »

BE Maxwell, MA Weaver, JJ Krutak Sr, WW Parham, GF ... - US Patent 6,197,851, 2001 - Google Patents

... 5 ir ... body absorbers which absorb energy across the whole spectrum of **infrared** and

45 ... To some extent, this **effect** can be controlled by varying the particle size ...

[Cited by 1](#) - [Related Articles](#) - [Web Search](#)

Glass membrane for controlled diffusion of gases - all 3 versions »

JE Shelby, BE Kenyon... - US Patent 6,231,642, 2001 - Google Patents

... 10, the **effect** of identity of the dopant on ... purging, gas compression, exposure to **infrared** radiation, pressurization ... 30 spheres to the IR radiation releases at ...

[Cited by 3](#) - [Related Articles](#) - [Web Search](#)

Analysis of Radiant Heating to Produce an Alternative Frying Process


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preform plastic temperature

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All Results[W Collette](#)[S Krishnakumar](#)[Y Koike](#)[J Martínez-Fe...](#)[Y Ohtsuka](#)

Plastic container, preform for and method of making same - all 2 versions

»

WN Collette, SM Krishnakumar... - US Patent 4,889,247, 1989 - Google Patents
... forming a hollow blow molded **plastic** container, said preform being ... to said shoulder defining portion of said **pre-form**. 2. A **preform** according to claim 1 wherein ...

Cited by 9 - [Related Articles](#) - [Web Search](#)

Preform having inner partition wall and process of making plastic vessel having inner partition wall - all 3 versions »

Y Nakamura... - US Patent 5,232,108, 1993 - Google Patents
... an internal cap 52 as made of **plastic** is threadedly ... the internal partition wall 78 of the **pre-form** 70 ... After injection molded the **preform** 70, the injection core ...

Cited by 20 - [Related Articles](#) - [Web Search](#)

High temperature compressive mechanical behavior of biomorphic silicon carbide ceramics - all 5 versions »

J Martínez-Fernández, FM Valera-Feria, M Singh - Scripta Materialia, 2000 - Elsevier
... molten silicon into a porous **preform** of carbonized ... 2. At room **temperature** the stresses

on the ... increased linearly until failure without **plastic** deformation (the ...

Cited by 26 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Foil-covered automatic interior plastic part having a decorative preform and method of making same - all 3 versions »

DJ Preisler, JT Murar - US Patent 6,180,207, 2001 - Google Patents
... the **preform** 12 is inserted into a **plastic** mold. At block 206, molten resin is injected into the **plastic** mold through its injection aperture at a **temperature** and ...

Cited by 8 - [Related Articles](#) - [Web Search](#)

Plastic vessel preform and mold for forming the same - all 2 versions »

H Orimoto, F Amari... - US Patent 5,447,766, 1995 - Google Patents
... molding a **plastic** vessel during one stage. The cycle includes an eject and insert step 40, a **preform** injection molding step 42, a **temperature** adjusting step 44 ...

Cited by 6 - [Related Articles](#) - [Web Search](#)

Refillable polyester beverage bottle and preform for forming same - all 5 versions »

WN Collette... - US Patent 4,725,464, 1988 - Google Patents
... ties deemed necessary to produce refillable **plastic** bot- dards. ... 3. A **preform** according to claim 1 wherein said **pre-form** bottom has a generally flat ...

Cited by 23 - [Related Articles](#) - [Web Search](#)

Method of forming a two piece chip carrier - all 3 versions »

JO Wright - US Patent 5,014,418, 1991 - Google Patents
... a first surface of a first epoxy B-stage **preform** to a pre-molded **plastic** base by ... cause the adhering without curing the first epoxy B-stage **pre-form**, and (b ...


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preform plastic temperature distribution

1970

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All Results[Y Koike](#)[R Schad](#)[H Rees](#)[G Hughes](#)[J Murchie](#)

Preform having inner partition wall and process of making plastic vessel having inner partition wall - all 3 versions »

Y Nakamura... - US Patent 5,232,108, 1993 - Google Patents

... an internal cap 52 as made of **plastic** is threadedly ... the internal partition wall 78 of the **pre-form** 70 ... After injection molded the **preform** 70, the injection core ...

Cited by 20 - [Related Articles](#) - [Web Search](#)

Apparatus for preparing hollow plastic articles - all 3 versions »

RD Schad, H Rees, G Hughes, JR Murchie - US Patent 4,690,633, 1987 - Google Patents

... of both materials, that is, the sleeve and **preform**, ... **temperature** conditioning devices along the length of **plastic** parisons in an injection molding cycle for trans ...

Cited by 27 - [Related Articles](#) - [Web Search](#)

Effects of temperature profiles through preform thickness on the properties of reheat-blown PET ... - all 2 versions »

G Venkateswaran, MR Cameron, SA Jabarin - Advances in Polymer Technology, 1998 - doi.wiley.com

... amount of radiation incident on the **plastic** surface depends ... the heater and reaching the **pre-form** surface ... amount of radiation incident on the **preform** surface is ...

Cited by 8 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

One piece self-standing blow molded plastic containers - all 3 versions »

MH Beck - US Patent 4,889,752, 1989 - Google Patents

... limits to the radius that can be formed with **plastic**, specifically PET ... between the stretch rod 50 and the **pre-form** 26' at the top causing the **preform** 26' to ...

Cited by 15 - [Related Articles](#) - [Web Search](#)

SENSITIVITY ANALYSIS AND SHAPE OPTIMIZATION FOR PREFORM DESIGN IN THERMO-MECHANICAL COUPLED ANALYSIS - all 3 versions »

IJNM Engng - Int. J. Numer. Meth. Engng, 1999 - doi.wiley.com

... **PREFORM DESIGN IN THERMO-MECHANICAL COUPLED ANALYSIS** ... is the heat generated by **plastic**

deformation ... The **temperature distribution** can be obtained by solving the non ...

Cited by 15 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Apparatus for shaping a tubular preform into a hollow body - all 4 versions »

N Torsten - US Patent 5,067,888, 1991 - Google Patents

... a stretched and oriented blank of thermo **plastic** material 35 ... in the mouth region of the intermediate **pre-form** in place, the intermediate **preform** is kept ...

Cited by 6 - [Related Articles](#) - [Web Search](#)

... of heating thermoplastic bottle of preform and method of controlling temperature of heating member ... - all 5 versions »

I Sugiyama, K Ishibashi, N Takakusaki, Y Maruhashi, ... - US Patent 5,032,700, 1991 - Google Patents

... thermoplastic material or the bottle and the **preform** or **plastic** bottle is ... simultaneously internally and externally thereof, the **temperature** of the respective ...